

ABSTRACT OF THE DISCLOSURE

A laundry drier has a heater control circuit for controlling the drive of a heater using one of a plurality of high voltages, using a switching circuit realized by a form C contact relay provided between a current-buffered microcomputer output and plurality of heater drivers, so
5 that heater drive capability is ensured even if the current buffer output fails and so that dangerous short-circuit conditions are avoided even if the microcomputer experiences a logical malfunction. The heater control circuit includes a heater for being driven by a plurality of high voltages via a plurality of heater drivers; a microcomputer for outputting a control signal according to a user input, the control signal determining the high voltage drive
10 of the heater; and a heater control interface for generating a plurality of heater control signals corresponding to the plurality of high voltages, based on the control signal of the microcomputer, the plurality of heater control signals selectively enabling only one heater driver.